

[INCH-POUND]
A-A-55571/7A
January 12, 2001
SUPERSEDING
A-A-55571/7
June 24, 1996

COMMERCIAL ITEM DESCRIPTION

CIRCUIT BREAKER, 28 VOLTS (V) DC, AUTOMATIC
RESET, NONWATERPROOF, 35 AMPERES (A) TO 150 A

The General Services Administration has authorized the use of this commercial item description (CID) for all federal agencies.

The complete requirements for procuring the circuit breakers described herein shall consist of this document and the issue in effect of CID A-A-55571.

CLASSIFICATION. This CID uses a classification system which is included in the Part Identification Number (PIN) as shown in the following example (see notes).

AA55571/07	-	001
┆		┆
_____		_____
CID number		Dash number (see table I)

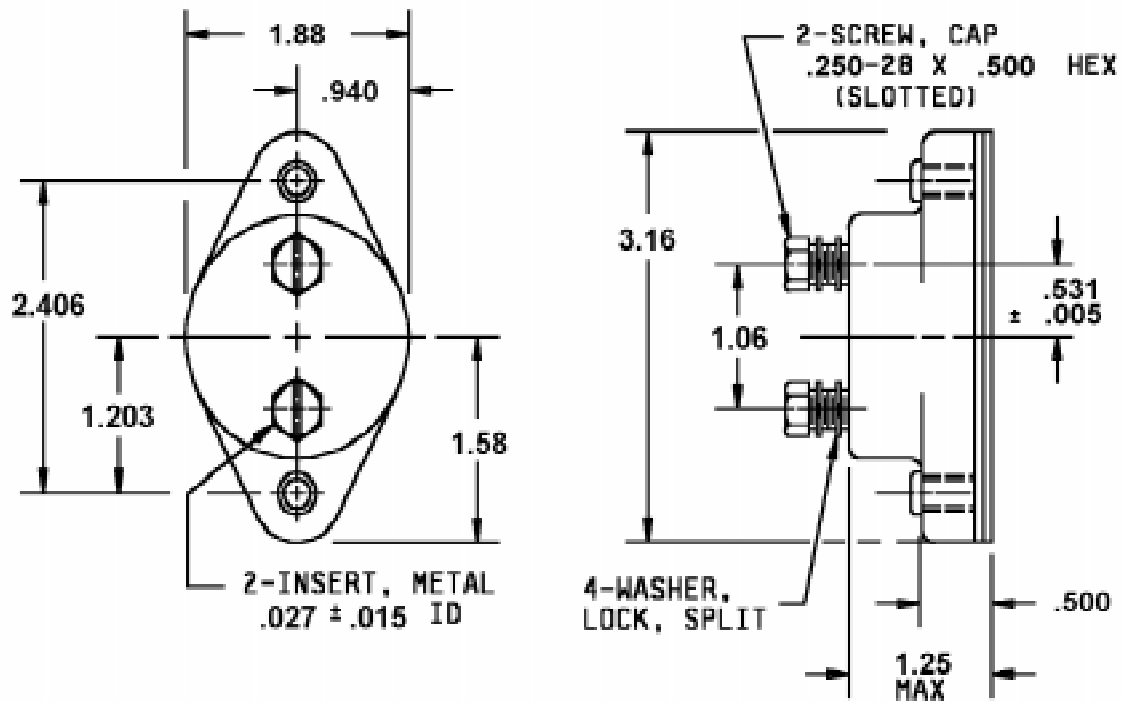
SALIENT CHARACTERISTICS.

Interface and physical dimensions. Circuit breakers supplied to this CID shall be as specified herein (see figure 1).

Ampere rating. The ampere rating shall be as specified in table I.

Voltage rating. The voltage rating shall be 28 V dc maximum.

Endurance. The minimum expected cycling life shall be 2,000 cycles at 200 percent of rated current.



Inches	mm	Inches	mm
.005	0.13	1.06	26.92
.015	0.38	1.203	30.56
.027	0.68	1.25	31.75
.250	6.35	1.58	40.13
.500	12.70	1.88	47.75
.531	13.49	2.406	61.11
.940	23.88	3.16	80.26

NOTES:

1. Dimensions are in inches.
2. Tolerance is $\pm .005$ inch (0.13 mm), unless otherwise specified.

FIGURE 1. Configuration and dimensions.

TABLE I. Characteristics.

CID dash number AA55571/07-	Ampere rating	CID dash number AA55571/07-	Ampere rating
001	35	007	80
002	40	008	90
003	45	009	105
004	50	010	120
005	60	011	135
006	70	012	150

Speed of operation at 25°C (77°F) at 200 percent rated current. Circuit breakers supplied to this CID shall meet the minimum and maximum opening time requirements as specified in table II.

TABLE II. Speed of operation at 77°F (25°C).

200 percent of rated current	Opening time in seconds	
	Maximum	Maximum
	8	100

NOTES.

PIN. The PIN should be used for Government purposes to buy commercial products to this CID. See classification information for PIN format example.

Commercial products. As part of the market analysis and research effort, this CID was coordinated with the following manufacturers of commercial products. At the time of CID preparation and coordination, these manufacturers were known to have commercial products that would meet the requirements of this CID. (NOTE: This information should not be considered as a list of approved manufacturers or be used to restrict procurement to only the manufacturers shown.)

MFR's CAGE

82647

MFR's name and address

Texas Instruments, Incorporated
 Materials & Controls Group
 34 Forest Street
 Attleboro, MA 02703-2964
 Phone number (508) 236-3287
 Facsimile number (508) 236-1598
 E-mail klixon@ti.com
 Uniform Resource Locator (URL): www.ti.com/mc/docs/precprod/docs

Part number (P/N) supersession data. These CID part numbers supersede the following MFR's P/N's as shown. This information is being provided to assist in reducing proliferation in the government inventory system.

TABLE III. P/N supersession data.

CID dash number AA55571/07- (see table I)	MFR's CAGE 82647	CID dash number AA55571/07- (see table I)	MFR's CAGE 82647
	MFR's P/N <u>1/</u>		MFR's P/N <u>1/</u>
001	PDLA-35	007	PDLA-80
002	PDLA-40	008	PDLA-90
003	PDLA-45	009	PDLA-105
004	PDLA-50	010	PDLA-120
005	PDLA-60	011	PDLA-135
006	PDLA-70	012	PDLA-150

1/ The manufacturer's P/N shall not be used for procurement to the requirements of this CID. At the time of preparation of this CID, the aforementioned commercial products were reviewed and could be replaced by the CID P/N shown. For actual part marking requirements, see 3.10 of A-A-55571.

National stock number (NSN). The following is a list of NSN's assigned which correspond to this CID. The list is for information only and may not be indicative of all possible NSN's associated with the CID. For up to date information on assigned NSN's, please contact the Defense Supply Center, Columbus, ATTN: DSCC-CSAC, Post Office Box 3990, Columbus, OH 43216-5000, or telephone (614) 692-8521.

TABLE IV. NSN's.

Dash number (see table I) AA55517/07-	NSN	Dash number (see table I) AA55517/07-	NSN
001	5925-01-265-7692	007	5925-01-430-4757
002	5925-00-420-8561	008	5925-01-092-9694
003	5925-00-520-4666	009	5925-00-295-5460
004	5925-00-708-8769	010	5925-00-709-9437
005	5925-00-247-2076	011	5925-00-173-7634
006	5925-00-350-4480	012	5925-01-429-4554

MILITARY INTERESTS:

Custodians:
Navy - EC

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - 7FXE

Preparing activity:

DLA-CC

Project 5925-0304-07